

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10586606"	US-PGPUB; USPAT	OR	ON	2009/06/24 14:20
S2	28	kerosene same (sulfur with "1 ppm")	US-PGPUB; USPAT; DERWENT	OR	ON	2009/06/24 14:21
S3	1	"20020179498"	US-PGPUB; USPAT	OR	ON	2009/10/12 15:41
S4	3	"2002018517"	DERWENT	OR	ON	2009/10/12 15:45
S5	72	208/219.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/12 16:08
S6	109	208/245.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/12 16:08
S7	158	208/246.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/12 16:09
S8	124	208/248.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/12 16:09
S9	166	208/250.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/12 16:09
S10	0	"200349172"	JPO; DERWENT	OR	ON	2009/10/13 08:41
S11	4	"2003049172"	JPO; DERWENT	OR	ON	2009/10/13 08:41
S12	13553	desulfuriz\$5	US-PGPUB; USPAT	OR	ON	2009/10/13 08:59
S13	53445	kerosene or (gas adj oil)	US-PGPUB; USPAT	OR	ON	2009/10/13 08:59
S14	54240	thiophene or benzothiophene or dibenzothiophene	US-PGPUB; USPAT	OR	ON	2009/10/13 08:59
S15	2118	(solid adj acid adj catalyst) or ((proton adj type) with (faujasite or mordenite or (beta adj zeolite)))	US-PGPUB; USPAT	OR	ON	2009/10/13 09:01
S16	2733	S15 or (sulfated with (zirconia or alumina or (tin adj oxide) or (iron adj oxide)) or (tungstated with (zirconia or (tin adj oxide))))	US-PGPUB; USPAT	OR	ON	2009/10/13 09:02

S17	3532	adsorb\$3 with sulfur	US-PGPUB; USPAT	OR	ON	2009/10/13 09:02
S18	5182	adsor\$5 with sulfur	US-PGPUB; USPAT	OR	ON	2009/10/13 09:02
S19	5947	(silica adj alumina) with ratio	US-PGPUB; USPAT	OR	ON	2009/10/13 09:03
S20	52111	S16 or (activated adj carbon)	US-PGPUB; USPAT	OR	ON	2009/10/13 09:03
S21	5	S12 and S13 and S14 and S18 and S19 and S20	US-PGPUB; USPAT	OR	ON	2009/10/13 09:03
S22	12870	(solid adj acid adj catalyst) or (faujasite or mordenite or (beta adj zeolite))	US-PGPUB; USPAT	OR	ON	2009/10/13 09:10
S23	61165	S22 or (sulfated with (zirconia or alumina or (tin adj oxide) or (iron adj oxide)) or (tungstated with (zirconia or (tin adj oxide)))) or (activated adj carbon)	US-PGPUB; USPAT	OR	ON	2009/10/13 09:11
S24	28	S12 and S13 and S14 and S18 and S19 and S23	US-PGPUB; USPAT	OR	ON	2009/10/13 09:11
S25	4	"2001064214"	JPO; DERWENT	OR	ON	2009/10/13 09:30
S26	15033	desulfuriz\$5	EPO; JPO; DERWENT	OR	ON	2009/10/13 10:25
S27	24361	kerosene or (gas adj oil)	EPO; JPO; DERWENT	OR	ON	2009/10/13 10:25
S28	15970	thiophene or benzothiophene or dibenzothiophene	EPO; JPO; DERWENT	OR	ON	2009/10/13 10:25
S29	7933	(solid adj acid adj catalyst) or (faujasite or mordenite or (beta adj zeolite))	EPO; JPO; DERWENT	OR	ON	2009/10/13 10:26
S30	41120	S29 or (sulfated with (zirconia or alumina or (tin adj oxide) or (iron adj oxide)) or (tungstated with (zirconia or (tin adj oxide)))) or (activated adj carbon)	EPO; JPO; DERWENT	OR	ON	2009/10/13 10:26
S31	7	S26 and S27 and S28 and S30	EPO; JPO; DERWENT	OR	ON	2009/10/13 10:26
S32	13553	desulfuriz\$5	US-PGPUB; USPAT	OR	ON	2009/10/13 12:57

S33	54240	thiophene or benzothiophene or dibenzothiophene	US-PGPUB; USPAT	OR	ON	2009/10/13 12:57
S34	5182	adsor\$5 with sulfur	US-PGPUB; USPAT	OR	ON	2009/10/13 12:57
S35	5947	(silica adj alumina) with ratio	US-PGPUB; USPAT	OR	ON	2009/10/13 12:57
S36	12870	(solid adj acid adj catalyst) or (faujasite or mordenite or (beta adj zeolite))	US-PGPUB; USPAT	OR	ON	2009/10/13 12:57
S37	61165	S36 or (sulfated with (zirconia or alumina or (tin adj oxide) or (iron adj oxide)) or (tungstated with (zirconia or (tin adj oxide)))) or (activated adj carbon)	US-PGPUB; USPAT	OR	ON	2009/10/13 12:57
S38	38	S32 and S33 and S34 and S35 and S37	US-PGPUB; USPAT	OR	ON	2009/10/13 12:57
S39	72	208/219.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/13 13:02
S40	109	208/245.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/13 13:02
S41	158	208/246.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/13 13:02
S42	124	208/248.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/13 13:02
S43	166	208/250.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/13 13:02
S44	56	(S39 or S40 or S41 or S42 or S43) and S37 and S33	US-PGPUB; USPAT	OR	ON	2009/10/13 13:02
S45	1	"02132186"	DERWENT	OR	ON	2009/10/13 14:27
S46	2	(S39 or S40 or S41 or S42 or S43) and S33 and ((activated adj carbon) same ((copper adj oxide) or CuO))	US-PGPUB; USPAT	OR	ON	2009/10/13 14:39
S47	3	"10932177"	US-PGPUB; USPAT	OR	ON	2009/10/13 14:40
S48	10	"208".clas. and S33 and ((activated adj carbon) same ((copper adj oxide) or CuO))	US-PGPUB; USPAT	OR	ON	2009/10/13 14:41

S49	11	"208".clas. and S33 and ((activated adj carbon) same ((copper adj oxide) or CuO or ((transition adj metal) with oxide)))	US-PPGUB; USPAT	OR	ON	2009/10/13 15:44
S50	2	"2000234093"	JPO; DERWENT	OR	ON	2009/10/13 16:36
S51	2	"02132186"	JPO; DERWENT	OR	ON	2009/10/13 16:40
S52	8	"1142636"	EPO; DERWENT	OR	ON	2009/10/14 11:14

### EAST Search History (Interference)

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10/14/2009 2:09:33 PM

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